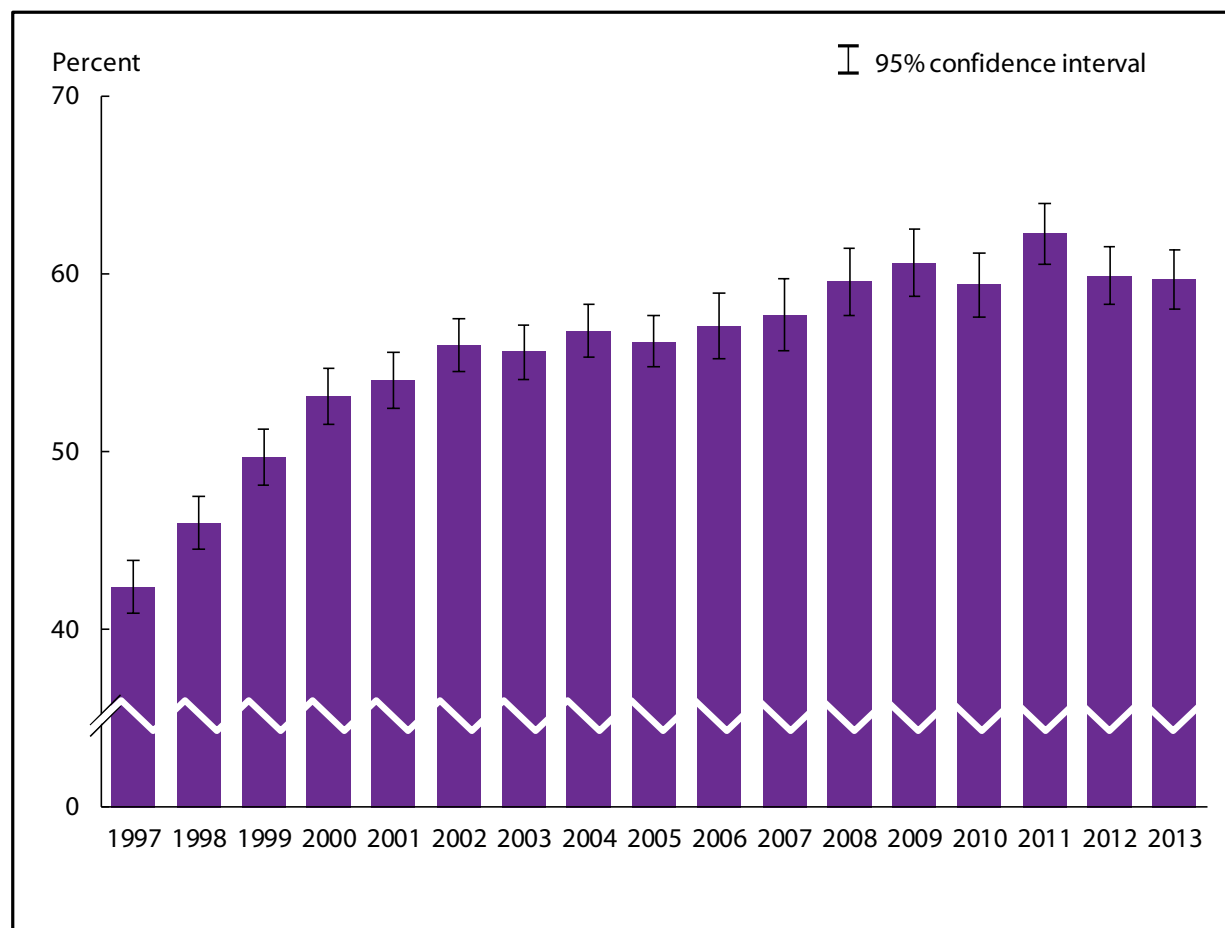


Receipt of pneumococcal vaccination

Figure 5.1. Percentage of adults aged 65 and over who had ever received a pneumococcal vaccination: United States, 1997–2013

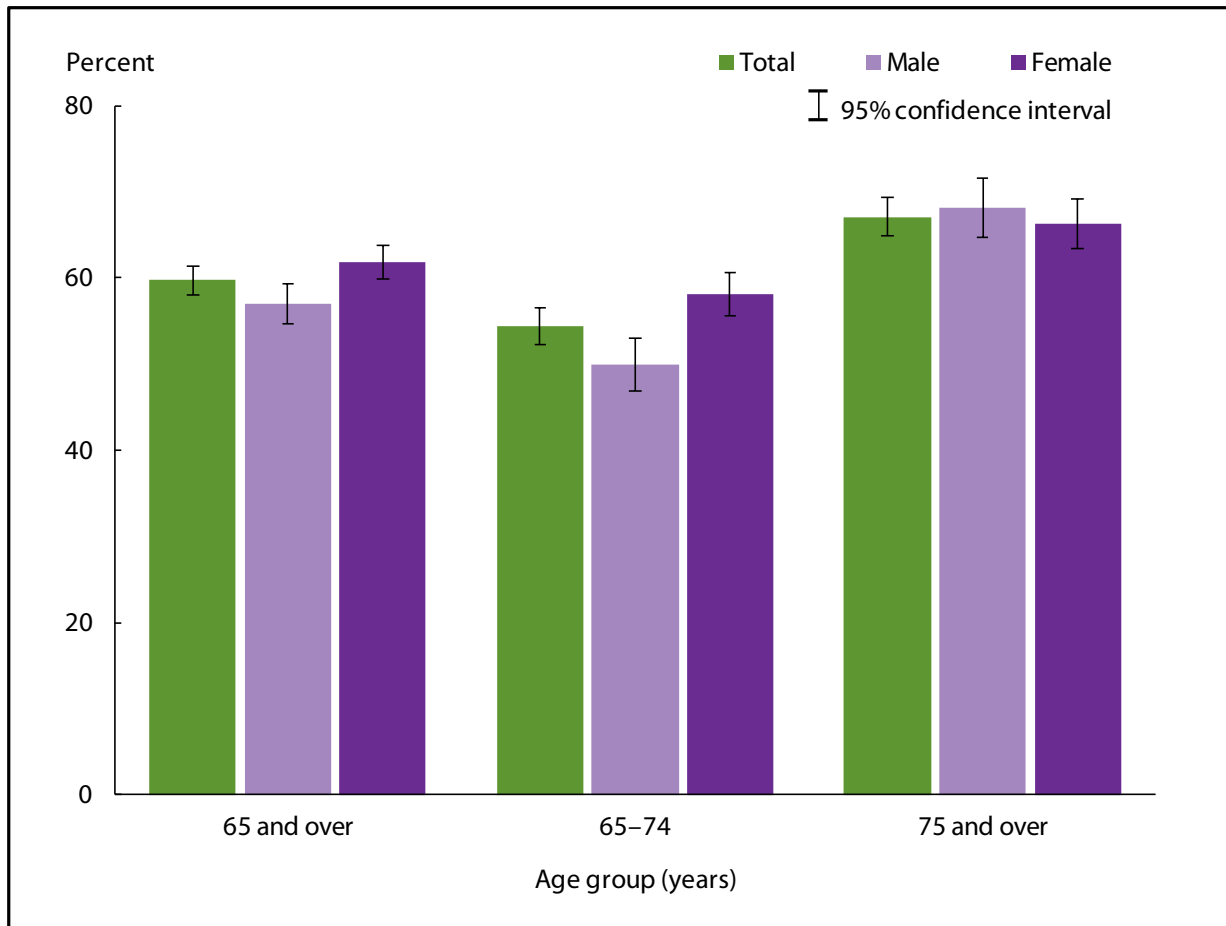


NOTES: Data are based on household interviews of a sample of the civilian noninstitutionalized population. • The analyses excluded those with unknown pneumococcal vaccination status (about 5% of respondents each year). • See [Technical Notes](#) for more details.

DATA SOURCE: CDC/NCHS, National Health Interview Survey, 1997–2013, Sample Adult Core component.

- For 2013, the percentage of adults aged 65 and over who had ever received a pneumococcal vaccination was 59.7% (95% confidence interval = 58.02%–61.36%), which was not significantly different from the 2012 estimate of 59.9%.
- The percentage of adults aged 65 and over who had ever received a pneumococcal vaccination increased rapidly from 42.4% in 1997 to 53.1% in 2000, then increased more slowly to 62.3% in 2011. The 2013 estimate was lower than the 2011 estimate.

Figure 5.2. Percentage of adults aged 65 and over who had ever received a pneumococcal vaccination, by age group and sex: United States, 2013

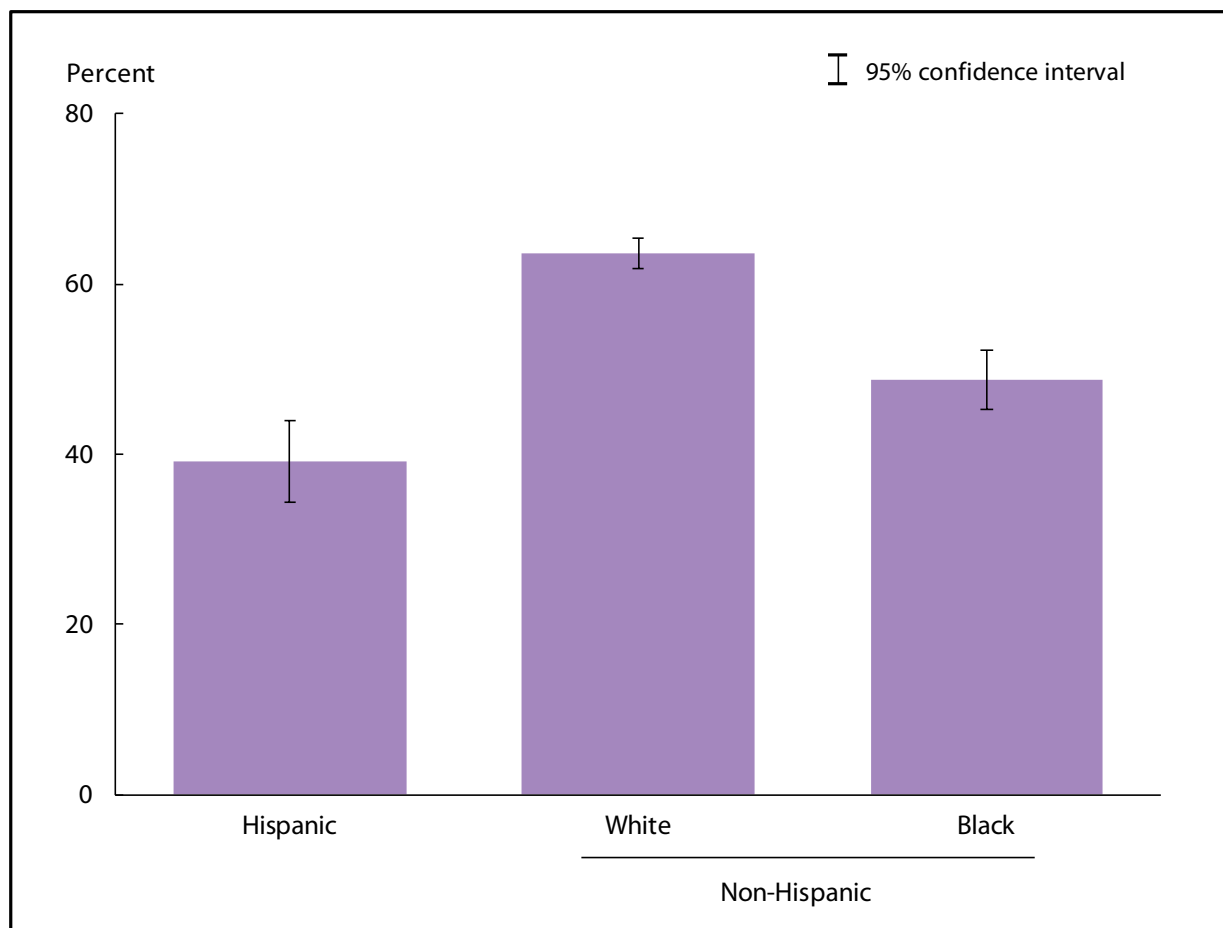


NOTES: Data are based on household interviews of a sample of the civilian noninstitutionalized population. • The analyses excluded the 3.8% of adults aged 65 and over with unknown pneumococcal vaccination status. • See [Technical Notes](#) for more details.

DATA SOURCE: CDC/NCHS, National Health Interview Survey, 2013, Sample Adult Core component.

- For both sexes combined, the percentage of adults who had ever received a pneumococcal vaccination was 54.3% for persons aged 65–74 and 67.0% for persons aged 75 and over.
- For both sexes combined, adults aged 75 and over were more likely than those aged 65–74 to have ever received a pneumococcal vaccination. This pattern was seen in both men and women.
- For adults aged 65 and over, and for adults aged 65–74, women were more likely than men to have ever received a pneumococcal vaccination.

Figure 5.3. Percentage of adults aged 65 and over who had ever received a pneumococcal vaccination, by race/ethnicity: United States, 2013



NOTES: Data are based on household interviews of a sample of the civilian noninstitutionalized population. • The analyses excluded the 3.8% of adults aged 65 and over with unknown pneumococcal vaccination status. • See [Technical Notes](#) for more details.

DATA SOURCE: CDC/NCHS, National Health Interview Survey, 2013, Sample Adult Core component.

- The percentage of adults aged 65 and over who had ever received a pneumococcal vaccination was 39.2% for Hispanic persons, 63.6% for non-Hispanic white persons, and 48.7% for non-Hispanic black persons.
- Of the three race/ethnicity groups, non-Hispanic white adults were the most likely to have ever received a pneumococcal vaccination, followed by non-Hispanic black adults and then Hispanic adults.

Data tables for Figures 5.1–5.3:

Data table for Figure 5.1. Percentage of adults aged 65 and over who had ever received a pneumococcal vaccination: United States, 1997–2013

Year	Crude ¹ percent (95% confidence interval)	Age-adjusted ² percent (95% confidence interval)
1997	42.4 (40.9-43.9)	42.6 (41.1-44.1)
1998	46.0 (44.5-47.5)	46.3 (44.8-47.8)
1999	49.7 (48.1-51.3)	49.9 (48.3-51.5)
2000	53.1 (51.5-54.7)	53.4 (51.8-55.0)
2001	54.0 (52.4-55.6)	54.2 (52.6-55.7)
2002	56.0 (54.5-57.5)	56.2 (54.8-57.7)
2003	55.6 (54.1-57.1)	55.7 (54.2-57.1)
2004	56.8 (55.3-58.3)	57.0 (55.5-58.5)
2005	56.2 (54.82-57.64)	56.3 (54.95-57.72)
2006	57.1 (55.25-58.88)	57.2 (55.43-59.04)
2007	57.7 (55.68-59.69)	57.8 (55.78-59.80)
2008	59.6 (57.68-61.48)	59.8 (57.98-61.64)
2009	60.6 (58.74-62.51)	61.0 (59.15-62.79)
2010	59.4 (57.61-61.17)	59.8 (58.02-61.51)
2011	62.3 (60.55-63.95)	62.7 (61.04-64.31)
2012	59.9 (58.29-61.49)	60.4 (58.86-62.01)
2013	59.7 (58.02-61.36)	60.4 (58.77-62.05)

¹Crude estimates are presented in the figure.

²Estimates are age adjusted using the projected 2000 U.S. population as the standard population and using two age groups: 65–74 and 75 and over.

NOTES: Data are based on household interviews of a sample of the civilian noninstitutionalized population. Beginning with the 2012 data, the National Health Interview Survey transitioned to weights derived from the 2010 census. For 2003–2011 data, weights were derived from the 2000 census. In this Early Release, estimates for 2000–2002 were recalculated using weights derived from the 2000 census. For 1997–1999 data, weights were derived from the 1990 census. See [Technical Notes](#) for more details.

DATA SOURCE: CDC/NCHS, National Health Interview Survey, 1997–2013, Sample Adult Core component.

Data table for Figure 5.2. Percentage of adults aged 65 and over who had ever received a pneumococcal vaccination, by age group and sex: United States, 2013

Age (years) and sex	Percent	95% confidence interval
65–74, total	54.3	52.18-56.51
65–74, male	49.9	46.82-53.00
65–74, female	58.2	55.67-60.69
75 and over, total	67.0	64.83-69.27
75 and over, male	68.1	64.68-71.60
75 and over, female	66.3	63.48-69.12
65 and over (crude ¹), total	59.7	58.02-61.36
65 and over (crude ¹), male	57.0	54.61-59.40
65 and over (crude ¹), female	61.8	59.85-63.75
65 and over (age-adjusted ²), total	60.4	58.77-62.05
65 and over (age-adjusted ²), male	58.6	56.26-60.97
65 and over (age-adjusted ²), female	62.1	60.13-63.99

¹Crude estimates are presented in the figure.

²Estimates are age adjusted using the projected 2000 U.S. population as the standard population and using two age groups: 65–74 and 75 and over.

NOTE: Data are based on household interviews of a sample of the civilian noninstitutionalized population.

DATA SOURCE: CDC/NCHS, National Health Interview Survey, 2013, Sample Adult Core component.

Data table for Figure 5.3. Percentage of adults aged 65 and over who had ever received a pneumococcal vaccination, by race/ethnicity: United States, 2013

Race/ethnicity	Crude ¹ percent (95% confidence interval)	Age-adjusted ² percent (95% confidence interval)
Hispanic or Latino	39.2 (34.43-43.88)	40.0 (35.01-45.05)
Not Hispanic or Latino, single race, white	63.6 (61.75-65.41)	64.2 (62.43-65.99)
Not Hispanic or Latino, single race, black	48.7 (45.31-52.13)	48.7 (45.24-52.10)

¹Crude estimates are presented in the figure.

²Estimates are age adjusted using the projected 2000 U.S. population as the standard population and using two age groups: 65–74 and 75 and over.

NOTE: Data are based on household interviews of a sample of the civilian noninstitutionalized population.

DATA SOURCE: CDC/NCHS, National Health Interview Survey, 2013, Sample Adult Core component.